

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

TAKEYAMA et al.

Serial No.: New Application

Group Art Unit:

Filed: August 9, 2001

Examiner:

For: PNEUMATIC TIRE

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

August 9, 2001

Sir:

Prior to calculation of the filing fee and prior to the examination of this application, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend the claims as follows. A copy of the marked-up original claims is attached showing the changes as set forth in amended 37 C.F.R. 1.121.

9. (Amended) A pneumatic tire according to claim 6 or 7, wherein the sheet-like foamed body is made of polyurethane foam having the number of cells set in a range of 10 to 40/25 mm.

10. (Amended) A pneumatic tire according to any one of claims 1, 2, 3, 4, 6 or 7, wherein the adhesive composition layer contains elastomer.

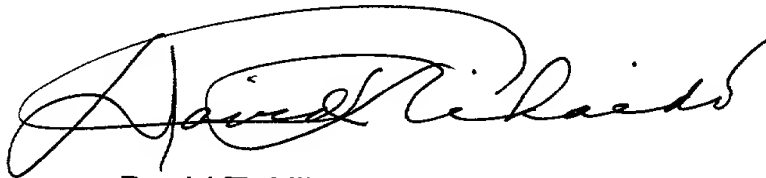
REMARKS

The above amendments to the claims have been made to correct the multiple dependency of the claims and to put the application in better condition for examination. No new matter has been added.

In the event that any fees are due in connection with this paper, please charge our Deposit Account No. 01-2300.

Respectfully submitted,

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WHAT IS CLAIMED IS:

1. A pneumatic tire comprising:
 - a bubble-containing adhesive composition layer disposed as a puncture prevention layer in a tire inner surface.
2. A pneumatic tire according to claim 1, wherein said bubble-containing adhesive composition layer is made of a foamed body impregnated with an adhesive composition.
3. A pneumatic tire according to claim 1, wherein said bubble-containing adhesive composition layer is made of an adhesive composition containing hollow body particles and/or foamed body particles.
4. A pneumatic tire according to claim 1, wherein said bubble-containing adhesive composition layer is made of a foamed adhesive composition.
5. A pneumatic tire according to any one of claims 1 to 4, wherein porosity of said bubble-containing adhesive composition layer is set in a range of 30 to 97%.
6. A pneumatic tire comprising:
 - a puncture prevention layer formed by covering at least one surface of a sheet-like foamed body with a nonporous adhesive composition layer,
 - wherein said puncture prevention layer is stuck to an area corresponding to at least a tread portion of a tire inner surface in a manner of setting the foamed body inside the adhesive composition layer.
7. A pneumatic tire according to claim 6, wherein both surfaces of the sheet-like foamed body are covered with the adhesive composition layer.
8. A pneumatic tire according to one of claims 6 and 7, wherein the adhesive composition layer is formed by spraying.
9. A pneumatic tire according to ^{Claim 6 or 7} ~~any one of claims 6 to 8~~, wherein the sheet-like

foamed body is made of polyurethane foam having the number of cells set in a range of 10 to 40/25 mm.

10. A pneumatic tire according to any one of claims ^{1, 2, 3, 4, 6 or 7}~~1 to 9~~, wherein the adhesive composition layer contains elastomer.

11. A pneumatic tire according to claim 10, wherein the elastomer is one selected from the group consisting of butyl rubber, polyisobutylene, natural rubber, isoprene rubber, and polybutene.